

Engineering solutions for real industrial challenges

Water & wastewater engineering
Process troubleshooting
Equipment & project partnerships



Capability presentation | October 2026

Your operational challenges. Our engineering focus.

HIGH COD & OFF-SPEC DISCHARGE

Sludge, fouling and sediment accumulation

Process instability and unplanned downtime

Water, chemical and energy inefficiencies



Services available for industrial clients

01 Technical consulting & diagnostics

02 Wastewater treatment engineering

03 Operational troubleshooting & optimization

04 Water and energy efficiency assessments

05 Equipment sourcing & technical procurement

06 Project delivery with qualified partners

Founding team experience: industrial recovery

Challenge

Elevated COD and severe sediment accumulation associated with unsuitable chemical inputs.

Response

Chemical treatment adjustment, operating-condition optimization, sediment removal and influent controls.



Reported COD improvement in 7 days

BEFORE

2,000

mg/L COD

AFTER

< 200

mg/L COD

>90% reported COD reduction • One-week intervention

Founders' prior project experience in Iran. Laboratory reports requested; figures pending independent review and comparable sampling confirmation.

Field experience across industrial facilities



Industrial site operations



Equipment and field engineering

From diagnosis to practical delivery

1 Site assessment & data review

2 Root-cause analysis

3 Engineering options & commercial proposal

4 Implementation / partner coordination

5 Monitoring & handover

Advanced PFAS treatment technology

PROTOTYPE DEVELOPED • VALIDATION IN PROGRESS

Concept combines membrane-based treatment (nano/RO), advanced oxidation, thermal energy recovery and IoT-enabled monitoring.

The March 2025 investor deck stated >99.5% PFAS removal as a target/claim. This is not presented here as independently validated commercial performance.

Flexible engagement models

Rapid diagnostic

Focused review of a defined operational issue

Engineering scope

Assessment, design and optimization recommendations

Pilot / proof of concept

Define measurable criteria and validate feasibility

Delivery partnership

Equipment sourcing and implementation with qualified partners

Built for demanding industrial environments

Chemical & petrochemical plants

Food and process manufacturing

Pharmaceutical production

Water treatment operators

Engineering contractors & EPC partners



Let's discuss your next operational challenge

Start with a focused technical conversation.

We can help define the problem, assess options and scope a practical next step.

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Denmark | Industrial water & operations